

Madhav Kataria

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Professional Summary

Currently pursuing a Bachelor's in **Data Science and Artificial Intelligence from IIT Guwahati**, with a solid foundation in analytics, machine learning, and practical industry exposure. Possess **3+ years** of experience at **HCL Technologies**, including work as a supplier to **Ericsson Global**, delivering end-to-end solutions in Robotic Process Automation (RPA) using **Microsoft Power Automate**, custom business applications via **Power Apps**, and enterprise-grade dashboards with **Power BI**. Skilled in analyzing complex organizational data within IT Infrastructure, identifying patterns, optimizing processes, and monitoring SLA and KPI performance to drive operational excellence.

Technical Skills

Machine Learning & AI: Good knowledge of training ML models via Python libraries like "pandas", "Scikit-learn", and "NumPy". Building Custom AI bots using Different APIs.

Cloud Computing: Good knowledge of Cloud Computing on platforms like AWS, Azure and GCP (EC2, VPC, AWS Elastic Beanstalk, CloudWatch, EC2 Auto Scaling, Elastic Load Balancing, AWS IAM, LAMBDA, S3 buckets).

Data Centre Operations: Switching-VLAN, trucking, inter VLAN routing, MLS-SVI, port security, VTP, STP, RSTP. Routing- static, Dynamic, RIP V2, OSPF, DHCP server, SSH, Telnet, CHAP, PAP, Access List.

System Administration: Good knowledge of troubleshooting Office 365, SharePoints, File systems, Citrix, MFA etc with OS including Linux, Windows and MAC.

Certifications

- [Google Cloud Associate Certificate](#) | [Microsoft Certified: Power Automate RPA Developer Associate](#)
- [Microsoft Certified: Power BI Data Analyst Associate](#) | [Microsoft Certified: Azure Fundamentals](#)
- [Microsoft Certified: Azure Data Fundamentals](#) | [Microsoft Certified: Azure AI Fundamentals](#)
- Represented at State Level for Cloud Computing at Skill India competition (Bangalore).
- Participated in IIT Delhi Workshops and received certificates in AI, Cybersecurity, and Machine Learning.
- Various motivating certificates from HCL-Tech for Automation and creating Power BI Reports, developing Power Apps.
- CBSE Certificate: Full Marks in Information Technologies (2018).
- Inspire MANAK Award from Government of India for innovation.

Achievements & Recognition

- Developed Python automation scripts to identify switch vulnerabilities, collect configuration details and error logs via SSH, validate all ports, and accurately define trunk ports and VLAN assignments.
- Recognized by Ericsson's Head of IT Support for designing technical processes that enhanced KBA activity, significantly improving the IT-Support Chatbot's efficiency and user experience.
- Developed multiple PowerApps solutions (Attendance Tracker, Employee Details, MyApp & Dashboards) integrated with Power Automate flows and dashboards, streamlining internal processes and improving operational efficiency.
- Designed and deployed Power BI dashboards for **Mondelēz International's** EUC and EUC-Tech departments, enabling data-driven insights and improved decision-making.
- Acknowledged by Ericsson's Global Quality and Process Head for delivering exceptional user experience and maintaining high-quality standards in technical solutions.
- Received over 50 unsolicited client appreciations for delivering high-quality solutions and exceptional support.